



Universität Hamburg

DER FORSCHUNG | DER LEHRE | DER BILDUNG

Faculty/Department: Mathematics, Informatics, Natural Sciences/Physics

Seminar/Institute: Institut für Laserphysik

Universität Hamburg invites applications for a Research Associate for the project **“Bose-Einstein condensation of rubidium atoms in higher Bloch bands of an optical lattice”** in accordance with Section 28 subsection 3 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on 01 March 2018.

It is remunerated at the salary level TV-L 13 and calls for 39 hours per week.

The fixed-term nature of this contract is based upon Section 2 of the academic fixed-term labor contract act (Gesetz über befristete Arbeitsverträge in der Wissenschaft, WissZeitVG). The term is fixed for a period of two years.

The University aims to increase the number of women in research and teaching and explicitly encourages women to apply. Equally qualified female applicants will receive preference in accordance with the Hamburg act on gender equality (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

Responsibilities:

Duties include academic services in the project named above. Research associates can also pursue independent research and further academic qualifications.

Specific Duties:

In the atom optics group at the institute of laser physics at Hamburg university (<http://photon.physnet.uni-hamburg.de/de/ilp/hemmerich/>) we have an opening for a post-doctoral research associate in experimental atomic physics for two years with an option of extension of a third year. The postdoc will participate in a new experiment on Bose-Einstein condensation of rubidium atoms in higher Bloch bands of an optical lattice.

Requirements:

A university degree in a relevant subject plus doctorate. The candidate should be an energetic person who wants to join a challenging experiment and work with a strong team of young researchers. Although experience in laser spectroscopy, laser cooling and/or ultrahigh vacuum technology, quantum gas physics, are helpful, we are looking for the best overall experimental scientist. The position is available already March of 2018, but there is some flexibility about the starting date.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.

University of Hamburg is an equal opportunity employer. Applications by female researchers are particularly encouraged.



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For further information, please contact Prof. Dr. Andreas Hemmerich

Applications should include a cover letter, curriculum vitae, copies of degree certificate(s), and names, e-mail and telephone numbers of three references. The application deadline is 21st January 2018. Please send applications to: Andreas Hemmerich, hemmerich@physnet.uni-hamburg.de.